

Serial No. 10/659,139
Attorney Docket No. 64671-
0480

IN THE CLAIMS:

1. (Canceled)
2. (Currently Amended) A buffer tube for use in a fiber optic cable, A cable for transmitting a signal, the cable comprising:
at least one optical fiber for transmitting the signal;
at least one buffer tube for receiving the at least one optical fiber, the buffer tube comprised of an alloy of polypropylene and polyphenylene oxide, wherein the alloy is blended with glass fiber.
3. (Canceled)
4. (Previously presented) A cable for transmitting a signal, the cable comprising:
at least one optical fiber for transmitting the signal;
at least one buffer tube for receiving the at least one optical fiber, the buffer tube comprised of an alloy of polypropylene and polyphenylene oxide; and
an outer jacket disposed around the at least one buffer tube; wherein the alloy is blended with glass fiber.
5. (Canceled)
- 6-10. (Canceled)
11. (Currently amended) A buffer tube for use in a fiber optic cable, A cable for transmitting a signal, the cable comprising:
at least one optical fiber for transmitting the signal;
at least one buffer tube for receiving the at least one optical fiber, the buffer tube comprised of an alloy of polypropylene and polyphenylene oxide, wherein the alloy is filled, contains an antioxidant, contains a processing aid, or a combination thereof.
12. (Currently Amended) A buffer tube for use in a fiber optic cable, A cable for transmitting a signal, the cable comprising:

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at least one optical fiber for transmitting the signal;

at least one buffer tube for receiving the at least one optical fiber, the buffer tube comprised of an alloy of polypropylene and polyphenylene oxide, wherein the buffer tube has a flexural modulus at room temperature ranging from about 180 kpsi to about 370 kpsi.

13. (New) A cable for transmitting a signal, the cable comprising:

at least one optical fiber for transmitting the signal, said cable being formed of an alloy of polypropylene and polyphenylene oxide.